



**Physical Characteristics:**

particle size: 1.9µm, 2.2µm, 3µm or 5µm,  
spherical  
pore size: 100Å  
carbon load: 0%  
endcap: no  
pH range: 2.5 to 8  
temperature limit: 80°C

**Ultra II® Silica Columns (USP L3)**

**Chromatographic Properties:**

High surface area. Type B silica packing.

Length	1.0mm ID		2.1mm ID		3.0mm ID		4.6mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
<b>1.9µm Columns</b>								
30mm			9600232		960023E			
50mm			9600252		960025E			
100mm			9600212					
<b>2.2µm Columns</b>								
30mm			9600832		960083E			
50mm			9600852		960085E			
100mm			9600812		960081E			
<b>3µm Columns</b>								
30mm	9600331		9600332		960033E		9600335	
50mm	9600351		9600352		960035E		9600355	
100mm	9600311		9600312		960031E		9600315	
150mm	9600361		9600362		960036E		9600365	
<b>5µm Columns</b>								
30mm	9600531		9600532		960053E		9600535	
50mm	9600551		9600552		960055E		9600555	
100mm	9600511		9600512		960051E		9600515	
150mm	9600561		9600562		960056E		9600565	
200mm	9600521		9600522		960052E		9600525	
250mm	9600571		9600572		960057E		9600575	

**Ultra II® Silica Guard Cartridges**

Guard Cartridges	3-pk. (10 x 2.1mm)	3-pk. (10 x 4.0mm)	2-pk. (20 x 2.1mm)	2-pk. (20 x 4.0mm)	price
Ultra II Silica Guard Cartridge	960050212	960050210	960050222	960050220	\$145



also  
available

**Bulk Packing  
Materials**  
See page 194.

**Ultra II® Silica HPLC Prep Columns**

Length	10mm ID		21.2mm ID		30mm ID		50mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
<b>5µm Columns</b>								
50mm	9600557		9600558		9600559		9600550	
100mm	9600517		9600518		9600519		9600510	
150mm	9600567		9600568		9600569		9600560	
250mm	9600577		9600578		9600579		9600570	

Available in 10µm particle size upon request.

**ordering note**

To order a 2.1mm, 3.2mm, or 4.6mm ID column with a Trident Integral Inlet Fitting, add "-700" to the catalog number for the column.

Nominal additional charge \$15.00

Example: 100mm x 4.6mm ID Ultra C18 column with Trident Integral Inlet Fitting: 9174315-700

Also order an XG-XF fitting (10mm: cat.#25026 or 20mm: 25062), see page 196.

